

Maplewood Marine Restoration Project (PoV)

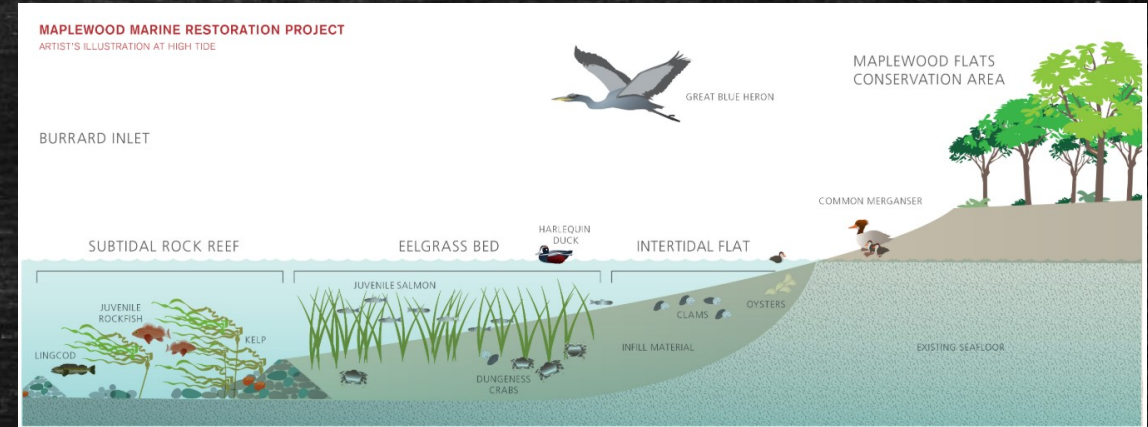
<https://www.portvancouver.com/development-and-permits/development/maplewood-marine-restoration-project/>



Changes in Burrard Inlet



Project Overview



Basemapping from Microsoft Bing and AECOM 2017



0 30 60 90 120
Metres

1:5,000

NAD 1983 UTM Zone 10N

Legend

- Maplewood Marine Restoration Project Boundary
- Intertidal Flats
- Eelgrass Bed
- Rock Reef Area
- Southwest Channel
- Southwest Channel Rock Reef Area



Ecological Restoration at Maplewood Flats

habitat@wildbirdtrust.org

Habitat and Cultural Use Management Plan

The Plan is a framework to:

1. protect, restore and enhance the ecological function of the site
2. enhance the Tsleil-Waututh Nation cultural use of the site, and
3. provide a rich educational experience for visitors.



Current Projects

- Interpretive signage
- Cultural Programming
- Coast Salish plant reintroduction
- Wildlife monitoring
- Bird Blinds
- Barge Channel restoration
- Shoreline Restoration



Interpretive Panels and Site Wayfinding

- Wayfinding directional and safety messages (\$5000)
- Tsleil-Waututh Culture and History in Burrard Inlet
 - History and Culture (\$10,000)
 - Plants, Culture, Language (\$5000)
- Industrial History of the Site and Burrard Inlet
 - Maplewood Flats (\$5000)
 - Burrard Inlet (\$5000)
- Site Ecology
 - Bird i.d. and behaviour (\$5000)
 - Wildlife, plants, and bees (5000)



Coast Salish plant reintroduction

- Mitigate effects of development by increasing biodiversity (\$25,000 plants, \$15,000 coordinator)
- Mitigate effects of visitors with vegetation buffers along trails (\$5000 plants, \$3000 coordinator)
- Native pollinator program (\$3000 annual)



Wildlife Projects

- Wildlife monitoring
 - Cameras (\$1950)
 - Operating Cost (\$2400)
- Nest Box program for cavity nesters
 - Materials (\$300)
 - Operating Cost (\$960)



Larger Restoration Projects

- Bird Blinds to mitigate effect of increased visitors
 - Design and build (\$130,000)
 - Annual Maintenance (\$3000)
- Barge channel restoration
 - Feasibility study (\$35,000)
- Shoreline Restoration
 - Feasibility study (\$35,000)



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